the assignment was to go and play with JavaScript and see how it goes at first it was a bit hard because I didn't t understand some stuff but afterwards, I manage to make a box that can change colour every time you press it.

What I learned:

Well, I learned how java script work I'm still learning but I'm enjoy it a lot and I'm doing a lot of different work on java script.

How I think it went:

Well at first, I think I was a bit lost but after playing with it and watching different YouTube video's I manage to build a box that changes colour.

```html
<script>
    // Step 1: Select the element
    const colorChanger = document.getElementById('colorChanger');

    // Step 2: Add event listener
    colorChanger.addEventListener('click', () => {
        // Step 3: Change things on screen after the event
        const randomColor = getRandomColor();
        colorChanger.style.backgroundColor = randomColor;
    });

    // Function to generate random color
    function getRandomColor() {
        const letters = '0123456789ABCDEF';
        let color = '#';
        for (let i = 0; i < 6; i++) {
            color += letters[Math.floor(Math.random() * 16)];
        }
        return color;
    }
</script>
```